

					ATTY. DOCKET NO. 16518.134	APPLICATION NO. 10/735,242	
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>					APPLICANTS Katayoon DEHESH		
MAR 26 2004 RECEIVED - TRADEMARKS & PATENTS U.S. PATENT AND TRADEMARK OFFICE JULY 11 2006					FILING DATE December 12, 2003	GROUP To Be Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RK	AAI	5,585,535	12/17/96	Fehr <i>et al.</i>			
	AB1						
	AC1						
	AD1						
	AE1						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RK	AF1	92/03564	03/1992	PCT			<input checked="" type="checkbox"/> Yes No
RK	AG1	92/20236	11/1992	PCT			<input checked="" type="checkbox"/> Yes No
RK	AH1	93/10240	05/1993	PCT			<input checked="" type="checkbox"/> Yes No
RK	AII	94/10189	05/1994	PCT			<input checked="" type="checkbox"/> Yes No
RK	AJ1	94/10288	05/1994	PCT			<input checked="" type="checkbox"/> Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RK	AK	1	Clough <i>et al.</i> , "Purification and Characterization of 3-Ketoacyl-Acyl Carrier Protein Synthase III from Spinach", <i>The Journal of Biological Chemistry</i> , 267(29):20992-20998 (1992)				
RK	AL	1	Dehesh <i>et al.</i> , Database EMBL, Accession No. AX073486 (XP002213168) (2001)				
RK	AM	1	Dehesh <i>et al.</i> , "GT-2: A Transcription Factor with Twin Autonomous DNA-Binding Domains of Closely Related but Different Target Sequence Specificity", <i>The EMBO Journal</i> , 11(11):4131-4144 (1992)				
RK	AN	1	Dehesh, "KAS IV: 3-Ketoacyl-ACP Synthase from <i>Cuphea sp.</i> is a Medium Chain Specific Condensing Enzyme", <i>The Plant Journal</i> , 15(3):383-390 (1998)				
RK	AO	1	Dehesh <i>et al.</i> , "Production of High Levels of 8:0 and 10:0 Fatty Acids in Transgenic Canola by Overexpression of CH FatB2, a Thioesterase cDNA from <i>Cuphea hookerianana</i> ", <i>The Plant Journal</i> , 9(2):167-172 (1996)				
RK	AP	1	Dehesh <i>et al.</i> , "Two Novel Thioesterases are Key Determinants of the Bimodal Distribution of Acyl Chain Length of <i>Cuphea palustris</i> Seed Oil", <i>Plant Physiol.</i> , 110:203-210 (1996)				
EXAMINER <i>/Russell Kallis/</i>					DATE CONSIDERED 12/27/2006		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

<p style="text-align: center;">QIP FORM PTO-144 INFORMATION DISCLOSURE STATEMENT <i>MAR 26 2004</i> PATENT &amp; TRADEMARK OFFICE</p>	ATTY. DOCKET NO.	APPLICATION NO.
	16518.134	10/735,242
	APPLICANTS	
	Katayoon DEHESH	
FILING DATE	GROUP	
December 12, 2003	To Be Assigned	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
	AB2						
	AC2						
	AD2						
	AE2						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RK	AF2	95/06740	03/1995	PCT			x (abstract only) Yes No
RK	AG2	95/15387	06/1995	PCT			x Yes No
RK	AH2	96/23892	08/1996	PCT			x Yes No
RK	AI2	98/46766	10/1998	PCT			x Yes No
RK	AJ2	0 969 014	01/2000	EPO			x Yes No

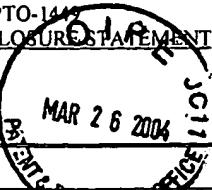
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RK	AK	2	Eccleston <i>et al.</i> , "Expression of Lauroyl-Acryl Carrier Protein Thioesterase in <i>Brassica napus</i> Seeds Induces Pathways for Both Fatty Acid Oxidation and Biosynthesis and Implies a Set Point for Triacylglycerol Accumulation", <i>The Plant Cell</i> , 10:613-621 (1998)
RK	AL	2	Fuhrmann <i>et al.</i> , "Factors Controlling Medium-Chain Fatty Acid Synthesis in Plastids from Maturing <i>Cuphea</i> Embryos", <i>Z. Naturforsch.</i> , 48c:616-622 (1993)
RK	AM	2	Harwood, "Fatty Acid Metabolism", <i>Ann. Rev. Plant Physiol. Plant Mol. Biol.</i> , 39:101-138 (1988)
RK	AN	2	Hawkins <i>et al.</i> , "Characterization of acyl-ACP Thioesterases of Mangosteen ( <i>Garcinia mangostana</i> ) Seed and High Levels of Stearate Production in Transgenic Canola", <i>The Plant Journal</i> , 13(6):743-752 (1998)
	AO	2	<del>International Search Report, PCT/US01/23369 dated September 25, 2002 (4 pages)</del>
RK	AP	2	Jaworski <i>et al.</i> , "A Cerulenin Insensitive Short Chain 3-Ketoacyl-Acryl Carrier Protein Synthase in <i>Spinacia oleracea</i> Leaves", <i>Plant Physiology</i> , 90:41-44 (1989)

EXAMINER <i>/Russell Kallis/</i>	DATE CONSIDERED <i>12/27/2006</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

<p style="text-align: center;">FORM PTO-149 INFORMATION DISCLOSURE STATEMENT <i>(Circular stamp: MAR 26 2004, PATENT &amp; TRADEMARK OFFICE U.S.A.)</i></p>					ATTY. DOCKET NO.	APPLICATION NO.		
					16518.134	10/735,242		
					APPLICANTS			
					Katayoon DEHESH			
<p style="text-align: center;">U.S. PATENT DOCUMENTS</p>					FILING DATE	GROUP		
					December 12, 2003	To Be Assigned		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA3							
	AB3							
	AC3							
	AD3							
	AE3							
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
RK	AF3	00/07433	02/2000	PCT			<input checked="" type="checkbox"/> Yes No	
RK	AG3	00/75343	12/2000	PCT			<input checked="" type="checkbox"/> Yes No	
RK	AH3	01/29238	04/2001	PCT			<input checked="" type="checkbox"/> (abstract only) Yes No	
RK	AI3	03/072784	09/2003	PCT			<input checked="" type="checkbox"/> Yes No	
	AJ3						<input checked="" type="checkbox"/> Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)								
RK	AK	3	Kaneko <i>et al.</i> , Database EMBL, Accession No. D90905 (XP002213167) (1996)					
RK	AL	3	Kaneko <i>et al.</i> , "Sequence Analysis of the Genome of the Unicellular Cyanobacterium <i>Synechocystis sp.</i> Strain PCC6803 II. Sequence Determination of the Entire Genome and Assignment of Potential Protein-coding Regions", <i>DNA Research</i> , 3:109-136 (1996)					
RK	AM	3	Kauppinen, "Structure and Expression of the Kas12 Gene Encoding a $\beta$ -Ketoacyl-Acylic Carrier Protein Synthase Isozyme from Barley", <i>The Journal of Biological Chemistry</i> , 267(33):23999-24006 (1992)					
RK	AN	3	Leonard <i>et al.</i> , "A Cuphea $\beta$ -Ketoacyl-ACP Synthase Shifts the Synthesis of Fatty Acids towards Shorter Chains in <i>Arabidopsis</i> Seeds Expressing Cuphea FatB Thioesterases", <i>The Plant Journal</i> 13(5):621-628 (1998)					
RK	AO	3	Martini, "Modification of Fatty Acid Composition in the Storage Oil of Transgenic Rapeseed", <i>Biological Chemistry Hoppe-Seyler</i> , vol. 376, pp. S55 (1995)					
RK		3	McKeon <i>et al.</i> , "Purification and Characterization of the Stearoyl-Acylic Carrier Protein Desaturase and the Acyl-Acylic Carrier Protein Thioesterase from Maturing Seeds of Safflower", <i>The Journal of Biological Chemistry</i> , 257(20):12141-12147 (1982)					
EXAMINER <i>/Russell Kallis/</i>						DATE CONSIDERED 12/27/2006		
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					ATTY. DOCKET NO. 16518.134	APPLICATION NO. 10/735,242	
<p style="text-align: center;">FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT</p> <p style="text-align: center;">QIP MAR 26 2004 PATENT &amp; TRADEMARK OFFICE U.S. GOVERNMENT</p>					APPLICANTS Katayoon DEHESH		
<p>FILING DATE December 12, 2003</p>					GROUP To Be Assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4						
	AB4						
	AC4						
	AD4						
	AE4						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AF4						Yes No
	AG4						Yes No
	AH4						Yes No
	AI4						Yes No
	AJ4						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RK	AK	4	Ohlrogge, "Design of New Plant Products: Engineering of Fatty Acid Metabolism", <i>Plant Physiol.</i> , 104:821-826 (1994)				
RK	AL	4	Post-Beittenmiller <i>et al.</i> , "In vivo Pools of Free and Acylated Acyl Carrier Proteins in Spinach", <i>The Journal of Biological Chemistry</i> , 266(3):1858-1865 (1991)				
RK	AM	4	Radke <i>et al.</i> , "Transformation of <i>Brassica napus</i> L. Using <i>Agrobacterium tumefaciens</i> : Developmentally Regulated Expression of a Reintroduced Napin Gene", <i>Theor. Appl. Genet.</i> 75:685-694 (1988)				
RK	AN	4	Schuch <i>et al.</i> , "Medium-chain acyl-ACP Thioesterase is not the Exclusive Enzyme Responsible for Early Chain-Length Termination in Medium-Chain Fatty Acid Synthesis", <i>Grasas y Aceites</i> , vol. 44, Fasc 2, pp. 126-128 (1993)				
RK	AO	4	Shimakata <i>et al.</i> , "Isolation and Function of Spinach Leaf $\beta$ -Ketoacyl-(Acyl-Carrier-Protein) Synthases", <i>Proceedings of National Academy of Science</i> , USA, 79:5808-5812 (1982)				
RK	AP	4	Siggard-Andersen <i>et al.</i> , "The fabJ-Encoded $\beta$ -Ketoacyl-(Acyl Carrier Protein) Synthase IV from <i>Escherichia coli</i> is Sensitive to Cerulenin and Specific for Short -Chain Substrates", <i>Proc. Natl. Acad. Sci.</i> , USA, 91:11027-11031 (1994)				
EXAMINER <i>/Russell Kallis/</i>					DATE CONSIDERED 12/27/2006		
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FORM PTO-1442 INFORMATION DISCLOSURE STATEMENT 			ATTY. DOCKET NO.	APPLICATION NO.			
			16518.134	10/735,242			
			APPLICANTS				
			Katayoon DEHESH				
FILING DATE December 12, 2003			GROUP To Be Assigned				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAS						
	AB5						
	AC5						
	AD5						
	AES						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AF5						Yes No
	AG5						Yes No
	AH5						Yes No
	AIS						Yes No
	AJ5						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RK	AK	S	Slabaugh <i>et al.</i> , "Condensing Enzymes from <i>Cuphea wrightii</i> Associated with Medium Chain Fatty Acid Biosynthesis", <i>The Plant Journal</i> , 13(5):611-620 (1998)				
RK	AL	S	Slabaugh <i>et al.</i> , GenEMBL Sequence Accession No. U67317 (1996)				
RK	AM	S	Slabaugh <i>et al.</i> , "cDNA Clones Encoding β-Ketoacyl-Acylic Carrier Protein Synthase III from <i>Cuphea wrightii</i> ", <i>Plant Physiology</i> , 108:443-444 (1995)				
RK	AN	S	Tai <i>et al.</i> , "3-Ketoacyl-Acylic Carrier Protein Synthase III from Spinach ( <i>Spinacia oleracea</i> ) is not Similar to Other Condensing Enzymes of Fatty Acid Synthase", <i>Plant Physiology</i> , 103:1361-1367 (1993)				
RK	AO	S	Töpfer <i>et al.</i> , "Modification of Plant Lipid Synthesis", <i>Science</i> , 268:681-685 (1995)				
RK	AP	S	Tsay <i>et al.</i> , "Isolation and Characterization of the β-Ketoacyl-Acylic Carrier Protein Synthase III Gene (fabH) from <i>Escherichia coli</i> K12", 267(10):6807-6814 (1992)				
EXAMINER					DATE CONSIDERED		
<i>/Russell Kallis/</i>					12/27/2006		
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>					ATTY. DOCKET NO.	APPLICATION NO.	
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					APPLICANTS		
					Katayoon DEHESH		
FILING DATE December 12, 2003					GROUP		
					To Be Assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6						
	AB6						
	AC6						
	AD6						
	AE6						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AF6						Yes No
	AG6						Yes No
	AH6						Yes No
	AI6						Yes No
	AJ6						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RK	AK	6	Voelker <i>et al.</i> , "Genetic Engineering of a Quantitative Trait: Metabolic and Genetic Parameters Influencing the Accumulation of Laurate in Rapeseed", <i>The Plant Journal</i> , 9(2):229-241 (1996)				
RK	AL	6	Voelker <i>et al.</i> , "Plant Acyl-ACP Thioesterases: Chain-Length Determining Enzymes in Plant Fatty Acid Biosynthesis", <i>Genetic Engineering</i> , 18:111-133 (1996)				
RK	AM	6	Voelker <i>et al.</i> , "Fatty Acid Biosynthesis Redirected to Medium-Chains in Transgenic Oilseed Plants", <i>Science</i> , 257:72-74 (1992)				
RK	AN	6	Walsh <i>et al.</i> , "The Short Chain Condensing Enzyme has a Widespread Occurrence in the Fatty Acid Synthetases from Higher Plants", <i>Phytochemistry</i> , 29(12):3797-3799 (1990)				
RK	AO	6	Winter <i>et al.</i> , "Decarboxylation of Malonyl-(Acyl Carrier Protein) by 3-Oxoacyl-)Acyl Carrier Protein) Synthases in Plant Fatty Acid Biosynthesis", <i>Biochem. J.</i> , 321:313-318 (1997)				
	AP	6					
EXAMINER <i>/Russell Kallis/</i>					DATE CONSIDERED <i>12/27/2006</i>		
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